		JC10 Rec'd PCT/PTO it 8 DEC						
FORM PTO-1990 U.S. DEPAI (REV 11-91)	ATTORNEYS DOCKET NUMBER							
TRANSMITTAL LETTER	YMOR: 232							
DESIGNATED/ELECT CONCERNING A FILI	US APPLICATION NO. (If known, see 37 CFR 1 5)							
	Y	10/010210						
INTERNATIONAL APPLICATION NO PCT/JP01/02377	INTERNATIONAL FILING DATE 23 March 2001	PRIORITY DATE CLAIMED 20 April 2000						
TITLE OF INVENTION SPINDLE MO								
TITLE OF INVENTION SPINDLE MOTOR DRIVING METHOD, SPINDLE MOTOR DRIVING CIRCUIT, MAGNETIC DISK DRIVING METHOD, AND MAGNETIC DISK DEVICE								
APPLICANT(S) FOR DO/EO/US Norio	SHIGEMATSU							
1. X This is a FIRST submission of item 2. This is a SECOND or SUBSEQUE 3. X This express request to begin nation examination until the expiration of 4. A proper Demand for International 5. X A copy of the International App a. is transmitted herewith b. A translation of the International 7. A translation of the International Amendments to the claims of th a. are transmitted herewith b. have been transmitted by	es Designated/Elected Office (DO/EO/US) the folians concerning a filing under 35 U.S.C. 371. INT submission of items concerning a filing under and examination procedures (35 U.S.C. 371(b) at the applicable time limit set in 35 U.S.C. 371(b) at the applicable time limit set in 35 U.S.C. 371(b) at the applicable time limit set in 35 U.S.C. 371(b) at the applicable time limit set in 35 U.S.C. 371(c) (2)) frequired only if not transmitted by the Intervited International Bureau. In application into English (35 U.S.C. 371(c) to international Application under PCT Articinal (required only if not transmitted by the Intervited only if not transmitted by the I	r 35 U.S.C. 371. uny time rather than delay und PCT Articles 22 and 39(1). onth from the earliest claimed priority date. mational Bureau). eiving Office (RO/US). (2)). le 19 (35 U.S.C. 371(c)(3)) emational Bureau).						
8. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).								
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).								
10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).								
Items 11. to 16. below concern documen	nt(s) or information included:							
11. An Information Disclosure State	ment under 37 CFR 1.97 and 1.98.							
12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.								
13. A FIRST preliminary amendment.								
A SECOND or SUBSEQUENT preliminary amendment.								
14. A substitute specification.	•							
15. A change of power of attorney as	A change of power of attorney and/or address letter.							
Other items or information: Published Internatio PCT Request.	nal Application;							

page 1 of 2

PLEASE ACCEPT THIS AS AUTHORIZATION TO DEBIT OR CREDIT FEES TO DEP. ACCT. 16-0331 PARKHURST & WENDEL

				JC07 Rec'r	1 PCT/PTO 1	DEC 2001	
U.S. APPLICATION NO 14	וילטוו	\mathbf{S}_{-1}	PCT/JP01/02377		ATTORNEY'S DOC	KETHUMBER DR: 232	
17. X The following fees are submitted:			CALCULATIONS				
BASIC NATIONAL FEE (37 CFR 1.492 (a) (i) - (5)):							
Neither international preliminary examination fee (37 CFR 1.482)							
nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$1,040.00							
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prenared by the EPO or JPO \$890.00							
International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$740.00							
International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4)						:	
International preliminary examination fee paid to USPTO (37 CFR 1.482)							
and all claims satisfied provisions of PCT Article 33(1)-(4)				-			
ENTER APPROPRIATE BASIC FEE AMOUNT =				\$ 890.00			
			n or declaration later than 2 ate (37 CFR 1.492(e)).	30	s		
CLAIMS	NUMBER F		NUMBER EXTRA	RATE			
Total claims	18	- 20 =	0	X \$18.00	\$ 755.00		
Independent claims MULTIPLE DEPE	12 ENDENT CLAIM	- 3 =	9 (cable)	X\$84.00	\$ 756.00 \$	 	
MOENECEDET			OF ABOVE CALCULA		\$ 1,646.00		
Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement				s			
must also by filed (Note 37 CFR 1.9, 1.27, 1.28).			\$1.646.00	 			
SUBTOTAL = Processing for of \$130.00 for furnishing the English translation later than 20 30			\$1,646.00				
Processing fee of \$130.00 for furnishing the English translation later than 20 30 months from the earliest claimed priority date (37 CFR 1.492(f)).			\$				
TOTAL NATIONAL FEE =			\$1,646.00				
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property			\$ 40:00				
TOTAL FEES ENCLOSED =			\$ 17686.00				
			Amount to be:	s			
					refunded charged	s	
		. 1	505.00		110		
a. A check in the amount of \$ 1,686.00 to cover the above fees is enclosed. CK# 1471							
b. Please charge my Deposit Account No in the amount of \$ to cover the above fees. A duplicate copy of this sheet is enclosed.							
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 160331. A duplicate copy of this sheet is enclosed.							
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.							
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SEND ALL CORRES	SPONDENCE TO Parkhurst	_		16	sult	Jack	
_	ST. & WENDEL		.P.	SIGNATI	JRE		
	ince St., S			Roge	r W. Parkhurs	t	
Alexandria, Va 22314-2805							
Tel: (703) 739-0220 25,1			77				
REGISTRATION NUMBER							

10/018218 JC07 Rec'd PCT/PTO 18 DEC 2001

VERIFICATION

I, Toshiji Sasahara, translator, declare that I am well acquainted with the Japanese and English languages and that the appended English translation is a true and faithful translation of

PCT application No. PCT/JP01/02377 filed on March 23, 2001 in Japanese language.

Date: December 7, 2001

be fightly be than the term of the term can prove the fight be

oshiji Sasahara